

# National Health and Nutrition Examination Survey 2003-2004

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## Documentation, Codebook, and Frequencies

### SP Questionnaire Component: Vision Questionnaire Data

**Survey Years:**  
**2003 to 2004**

**SAS Export File:**  
**VIQ\_C.XPT**



November 2005

# NHANES 2003–2004 Data Documentation

Questionnaire Section: Household Interview

Name: VIQ\_C

Years of Coverage: 2003–2004

First Published: November 2005

Last Revised: N/A

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<b>Component Description</b>	<p>The vision section (abbreviated “VIQ” in the NHANES questionnaire variable naming convention scheme), provides personal interview data on several vision topics.</p> <p>Topics and the target population groups in the VIQ section:</p> <ul style="list-style-type: none"><li>• Can see light (20+ yr)</li><li>• General condition of eyesight (50+ yr)</li><li>• Time worrying about eyesight (50+ yr)</li><li>• Difficulty reading ordinary newsprint (50+ yr)</li><li>• Difficulty with up close work or chores (50+ yr)</li><li>• Difficulty seeing steps/curbs-dim light (50+ yr)</li><li>• Difficulty noticing objects to side (50+ yr)</li><li>• Difficulty finding objects on crowded shelf (50+ yr)</li><li>• Difficulty driving daytime-familiar place (50+ yr)</li><li>• Vision limits how long can do activities (50+ yr)</li><li>• Ever had a cataract operation (50+ yr)</li><li>• If yes to cataract operation in right, left or both eyes (50+ yr)</li></ul>
<b>Eligible Sample</b>	<p>All survey participants 20 years and older were eligible for the initial question (VIQ010), the ability to see light. Participants 50 years and older were asked further detailed questions about their vision (refer above).</p>
<b>Interview Setting and Mode of Administration</b>	<p>A trained household interviewer administered these questions to the survey participant during the household interview. The information was recorded using a computer-assisted personal interview (CAPI) system. Some of the questions in the VIQ section required the use of printed hand cards. When necessary, the household interviewers read the hand card selections to the respondent.</p>

<p><b>Quality Assurance &amp; Quality Control</b></p>	<p>Several types of quality control were implemented to ensure that high quality data were collected during the survey.</p> <p>The computer CAPI system had built-in consistency checks, online information screens that provided the interviewers with information about the terms used in the questionnaires, and hard and soft edit checks to reduce the number of keying entry errors. All of the interviews were reviewed by the NHANES field office staff for accuracy and completeness.</p> <p>Additional details describing the quality assurance/quality control processes are provided in the survey procedures manuals.</p>
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<p><b>Data Processing and Editing</b></p>	<p>Frequency counts were checked, “skip” patterns were verified, and the reasonableness of responses to the questions was reviewed.</p> <p>The variable VIQ031 contains 31 additional missing values than subsequent variables. This is due to a question (VIQ015/VIQ016) that was asked of participants prior to VIQ031 but is not included in this 2003-2004 data release file due to quality control reasons. Participants who responded "no" to the VIQ015/VIQ016 question were skipped to question VIQ041 and were not asked question VIQ031.</p>
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<p><b>Analytic Notes</b></p>	<p>The 2003-2004 vision questions asked of participants 50 years and older are similar to the 1999-2000 and 2001-2002 vision questions. In addition to the vision questionnaire data, vision examination data can be found in the vision section of the NHANES 2003-2004 Exam Files (VIX). These two datasets can be combined using the unique survey participant identifier (SEQN) and analyzed using the guidelines provided by NCHS.</p> <p>Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam sample weights should be used for the analyses.</p> <p>Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues at <a href="http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm">http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm</a>.</p>
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<b>References</b>	N/A
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## Locator Record

<p><b>Title:</b> VIQ_C</p> <p><b>Contact Number:</b> 1-866-441-NCHS</p> <p><b>Years of Content:</b> 2003–2004</p> <p><b>First Published:</b> November 2005</p> <p><b>Revised:</b> N/A</p> <p><b>Access Constraints:</b> None</p> <p><b>Use Constraints:</b> None</p> <p><b>Geographic Coverage:</b> National</p> <p><b>Subject:</b> Vision</p> <p><b>Record Source:</b> NHANES 2003–2004</p> <p><b>Survey Methodology:</b> NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.</p> <p><b>Medium:</b> NHANES Web site; SAS transport files</p>
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**National Health and Nutrition Examination Survey  
Codebook for Data Production (2003-2004)**

**Vision Section of SP Questionnaire (VIQ\_C)**

**Person level data -- use Interview Weights for analysis**

November, 2005



<b>SEQN</b>	<b>Target</b>
	B(20 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

<b>VIQ010</b>	<b>Target</b>		
	B(20 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Can see light		
<b>English Text:</b> Next I have general questions about (your/SP's) vision. With both eyes open, can (you/he/she) see light?			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	5030	
2	No	9	VIQ071
7	Refused	0	
9	Don't know	0	
.	Missing	2	

<b>VIQ031</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	General condition of eyesight		
<b>English Text:</b> Next I have general questions about {your/SP's} vision. At the present time, would you say {your/SP's} eyesight, with glasses or contact lenses if {you/s/he} wear them, is . . .			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Excellent,	667	
2	Good,	1164	
3	Fair,	494	
4	Poor, or	108	
5	Very poor?	28	
7	Refused	0	
9	Don't know	12	
.	Missing	2568	

<b>VIQ041</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Time worrying about eyesight		
<b>English Text:</b> How much of the time {do you/does SP} worry about {your/his/her} eyesight? Would you say . . .			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
0	None of the time,	1409	
1	A little of the time,	464	
2	Some of the time,	368	
3	Most of the time, or	137	
4	All of the time?	110	
7	Refused	0	
9	Don't know	16	
.	Missing	2537	

<b>VIQ051A</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty reading ordinary newsprint		
<p><b>English Text:</b> The next questions are about how much difficulty, if any, {you have/SP has} doing certain activities, such as reading ordinary newsprint or going down steps. If {you/s/he} usually wear{s} glasses or contact lenses to do these activities, please rate {you r/his/her} ability to do them while wearing {your/his/her} glasses or contacts. How much difficulty {do you/does SP} have . . .reading ordinary print in newspapers?</p>			
<p><b>English Instructions:</b> HAND CARD VIQ1. READ CATEGORIES TO RESPONDENT IF NECESSARY.</p>			
Code or Value	Description	Count	Skip to Item
1	No difficulty	1811	
2	A little difficulty	367	
3	Moderate difficulty	142	
4	Extreme difficulty	64	
5	Unable to do because of eyesight	53	
6	Does not do this for other reasons	54	
77	Refused	0	
99	Don't know	13	
.	Missing	2537	

<b>VIQ051B</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty with up close work or chores		
<b>English Text:</b> How much difficulty {do you/does SP} have . . .doing work or hobbies that require {you/him/her} to see well up close such as cooking, sewing, fixing things around the house, or using hand tools?			
<b>English Instructions:</b>			
Code or Value	Description	Count	Skip to Item
1	No difficulty	1877	
2	A little difficulty	358	
3	Moderate difficulty	118	
4	Extreme difficulty	49	
5	Unable to do because of eyesight	40	
6	Does not do this for other reasons	50	
77	Refused	0	
99	Don't know	12	
.	Missing	2537	

<b>VIQ051C</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty seeing steps/curbs-dim light		
<b>English Text:</b> How much difficulty {do you/does SP} have . . .going down steps, stairs, or curbs in dim light or at night?			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	No difficulty	1740	
2	A little difficulty	356	
3	Moderate difficulty	150	
4	Extreme difficulty	99	
5	Unable to do because of eyesight	35	
6	Does not do this for other reasons	111	
77	Refused	0	
99	Don't know	13	
.	Missing	2537	

<b>VIQ051D</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty noticing objects to side		
<b>English Text:</b> How much difficulty {do you/does SP} have . . .noticing objects off to the side while {you are/s/he is} walking?			
<b>English Instructions:</b>			
Code or Value	Description	Count	Skip to Item
1	No difficulty	2109	
2	A little difficulty	184	
3	Moderate difficulty	97	
4	Extreme difficulty	42	
5	Unable to do because of eyesight	24	
6	Does not do this for other reasons	27	
77	Refused	0	
99	Don't know	21	
.	Missing	2537	

<b>VIQ051E</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty findng object on crowdedshelf		
<b>English Text:</b> How much difficulty {do you/does SP} have . . .finding something on a crowded shelf?			
<b>English Instructions:</b>			
Code or Value	Description	Count	Skip to Item
1	No difficulty	2057	
2	A little difficulty	255	
3	Moderate difficulty	84	
4	Extreme difficulty	42	
5	Unable to do because of eyesight	23	
6	Does not do this for other reasons	29	
77	Refused	0	
99	Don't know	14	
.	Missing	2537	

<b>VIQ056</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Difficulty drivng daytime-familiar place		
<b>English Text:</b> How much difficulty {do you/does SP} you have driving during the daytime in familiar places?			
<b>English Instructions:</b> HAND CARD VIQ2			
Code or Value	Description	Count	Skip to Item
1	No difficulty	1861	
2	A little difficulty	55	
3	Moderate difficulty	10	
4	Extreme difficulty	7	
5	Unable to do because of eyesight	59	
6	Does not do this for other reasons	260	
7	Never drove	240	
77	Refused	0	
99	Don't know	12	
.	Missing	2537	

<b>VIQ061</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Vision limits how long can do activities		
<b>English Text:</b> How limited {are you/is SP} in how long {you/s/he} can work or do other daily activities such as housework, child care, school, or community activities because of {your/his/her} vision? Would you say {you are/s/he is} limited . . .			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
0	None of the time,	2001	
1	A little of the time,	247	
2	Some of the time,	139	
3	Most of the time, or	48	
4	All of the time?	57	
7	Refused	0	
9	Don't know	12	
.	Missing	2537	

<b>VIQ071</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Ever had a cataract operation		
<b>English Text:</b> {Have you/Has SP} ever had a cataract operation?			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Yes	552	
2	No	1957	End of Section
7	Refused	0	End of Section
9	Don't know	0	End of Section
.	Missing	2532	

<b>VIQ081</b>	<b>Target</b>		
	B(50 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
	Operation in right, left or both eyes		
<b>English Text:</b> Was the operation in {your/SPs} right eye, left eye, or both eyes?			
<b>English Instructions:</b>			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	Right eye	95	
2	Left eye	66	
3	Both	386	
7	Refused	0	
9	Don't know	5	
.	Missing	4489	